Homework 3: Test for Stutter

Use "Stutter.js" for questions a-d. (25% x 4)

(a)   Draw control flow graphs for all the functions defined in "Stutter.js".

(b)   List all the call sites of the functions defined in "Stutter.js".

(c)   List all coupling du-pairs for each call site in (b).

(d)   Create test data to satisfy All-Coupling Uses Coverage for "Stutter.js".
       Informally, to cover all coupling du-pairs in (c).

> ...
> Then we make sure that every def reaches all possible uses
> All-uses coverage (AUC): For each set of du-paths to uses S = du (ni, nj, v),
> TR contains at least one path d in S.
> ...
> From Ch07-1 "Data Flow Test Criteria"

Hint: Please refer to ch07-4.